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PHA 3300.1 (01449/1)  
PATENT

Express Mail No. EV 453252951 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Rory F. Finn

Art Unit 1632

Serial No. 10/718,340

Filed November 20, 2003

Confirmation No. 3646

For N-TERMINALLY MONOPEGYLATED HUMAN GROWTH HORMONE  
CONJUGATES AND PROCESS FOR THEIR PREPARATION

August 5, 2005

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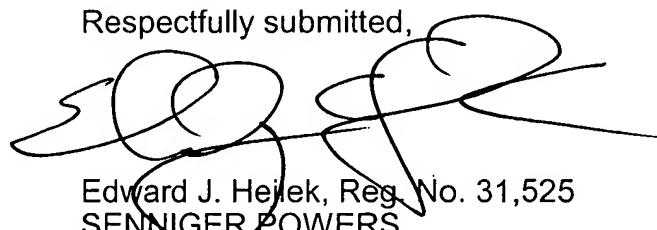
INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance  
\* with the duty of disclosure set forth in 37 C.F.R. 1.56, applicant submits the attached  
PTO/SB/08A for consideration by the Patent and Trademark Office in the above-  
entitled application and to be made of record therein.

\* Applicant submits herewith copies of the foreign patent documents and literature  
references.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R.  
§1.97(b) in that applicants believe that it is being filed prior to the mailing date of the  
first Office action on the merits. Accordingly, neither a statement nor fee under 37  
C.F.R. §1.97(c) or (d) is required.

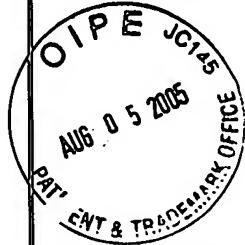
Respectfully submitted,



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EJH/AXS/vlm  
\*Enclosures

PTO/SB/08A

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

## Complete if Known

Application Number	10/718,340
Filing Date	November 20, 2003
Confirmation Number	3646
First Named Inventor	Rory F. Finn
Group Art Unit	1632
Examiner Name	Maury A. Audet

Sheet 1 of 4 Attorney Docket No. PHA 3300.1 (01449/1)

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
1	4,002,531			Royer	01-11-1977
2	4,179,337			Davis et al	12-18-1979
3	4,658,021			Goeddel et al	04-14-1987
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12	5,932,462			Harris et al	08-03-1999
13	6,113,906			Greenwald et al	09/05/2000

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

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Sheet 2 of 4 Attorney Docket No. PHA 3300.1 (01449/1)

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
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16	EP	0 401 384	A1	Kirin-Amgen Inc.	12-12-1990		
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18	EP	0 822 199	B1	Amgen Inc.	02-04-1998		
19	CN	1316436	A	Zho Jian	10-10-2001	✓	
20	CN	1468863	A	Wang Simian	01-21-2004	✓	
21	CN	1477126	A	Jinsai Pharmaceuticals Ltd.	02-25-2004	✓	
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24	WO	94/20069	A1	Amgen Inc.	09-15-1994		
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26	WO	97/11178	A1	Genentech, Inc.	03-27-1997		
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28	WO	00/42175	A1	Bolder Biotechnology Inc.	07-20-2000		
29	WO	02/09766	A1	Park, Myuang-Ok	02-07-2002		

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Sheet	3	of	4	Attorney Docket No.	PHA 3300.1 (01449/1)
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	30	WO	03/044056	A2	Pharmacia Corp.	05-30-2003	
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## OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
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	32	CHAMOW, S.M. et al, "Modification of CD4 Immunoadhesin with Monomethoxypoly(ethyleneglycol) Aldehyde via Reductive Alkylation", Bioconjugate Chem, (1994), pp. 133-140, Vol. 5	
	33	CLARK, R. et al, "Long-acting Growth Hormones Produced by Conjugation with Polyethylene Glycol", Journal of Biological Chemistry, (1996), pp. 21969-21977, Vol. 271:36	
	34	HARRIS, J. M. et al, "Pegylation: A Novel Process for Modifying Pharmacokinetics", Drug Delivery Systems, (2001), pp. 539-551, Vol. 40:7	
	35	HUTCHINS, R.O. et al., "Cyanoborohydride, Utility and Applications in Organic Synthesis. A Review", Organic Preparations and Procedures Int., (1979), pp. 201-246, Vol. 11:5	
	36	KATRE, N.V., "The Conjugation of Proteins with Polyethylene Glycol and Other Polymers; Altering Properties of Proteins to Enhance their Therapeutic Potential", Advanced Drug Deliver Reviews, (1993), pp. 91-114, Vol. 10	
	37	KINSTLER, O.B. et al., "Characterization and Stability of N-terminally PEGylated rhG-CSF", Pharmaceutical Research, (1996), pp. 996-1002, Vol. 13:7	
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Sheet	4	of	4	Attorney Docket No.	PHA 3300.1 (01449/1)
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